3LIGHT DROP IN PRICE OF COPPER FELT

Will Probably Delay Still Further Return To Normal Conditions-Interest In Shattuck Meeting.

The product of ore by the two district ince the first of February has amounted to nearly 4,000 tons This estimate is arrived at the number of ore cars which been loaded and forwarded to Douglas. One regular ore train daily carries fifty of the big steel ore ears and besides from eight to ten gendola cars which carry the ples for the Copper Queen smelt-Besides this regular ore train the local freight train which goes daily from Benson to Douglas takes an average of thirty loads of ores from Don Luis to Douglas.
The Calumet & Arizona company

is preducing more ores from mines and those owned by the Suerior & Pittsburg than at any time in the past. This company is em-ploying the largest force in its hisory and the smelter is producing more copper than ever before, havfurnaces in operation whereas only four of the five furnoces and operated at one time prior to

middle of January when the one was put into commission. The Copper Queen company is not making the output that it was one year ago, but it is doing more develment work now than at any time its history. A great deal of work is being done in preparation for the new system of bringing the Queen eres to the surface through the Sac-samento shaft which has now reach-ad a depth of 1200 feet. This shaft has four compartments, and will have a capacity for hoisting 3,000 tons during two eight-hour shifts. It the intention to use skips instead of cars for hoisting ores which will be empticed automatically into the bins from which it will be taken into the ere cars of the ranroad. Electric locomotives will be used to bring the ores from the various stopes of the Queen properties. underground ore trains will be led into bins automatically and from the bins the ore will be disthe surface the skips will automati-cally discharge the ore onto a belt will distribute the ore into a string of ten cars. This will give an even distribution of the entire pro- er this reduction will reach the emduct from every producing locality of the mines. One of the ten cars will be a sample car which will go directly to the ore pits ready for the railroad track to the Sacramento haft has been in progress during the past two months and is expect-ed to be completed in within thirty days. It is expected that the Sacra mente shaft will be in complete operoperation of the skip system of noisting ores to be installed at the Sacramento will be the first atempt at this system in the Warren district and it is expected to result in a more economical and satisfactory methor of bringing the ores from the mines and loading them on the cars.

cess of the amount for the proceed-A great deal of interest nual stockholders' meetings of the composites at Duluth yesterday after-no. a complete story of the proceed. ings of which ic printed on another page of the Review this morning. The topic which absorbed most of the interest regarded the construction of the smelter at Douglas to handle the

monthly payments were made to the men employed in the district and it

circulation was considerably in ex-

During the week the

regular

ores of the two companies.

Among the smaller companies de ward steadily, in many instances most favorable showings being obtained. In spite of the continued alump la the price of copper the general situa-tion is satisfactory, but there is little likelihood of the companies making any effort for a record production for

intalled by the Copper Queen is making excellent headway. The boilers are now in place and will be steamed up next week, though it will be some time before all the connections have been made. The total capaci-ty of the electric turbines and air compressors to be installed in the new power aouse, which is near the horsepower, consisting of electric will furnish the power for handling all the underground haulage, for hoists, for lighting and for running the various shop machinery ncluding the saw mills. The drill: will be operated by con which will also be used for the op-eration of the large first motion hoists. The machinery is being placed in the new power house unde

PINAL COUNTY WALKER GIVES RICH IN GOLD

Before Silver Money Was Dethroned Sliver King and Vekol Yielded Millions to Owners-Other Properties.

The temporary full in the demand for copper claims should result in directing attention to the gold resouces of Pinal county. When silver was in demand Pinal county came to the front with the greatest sliver mines known on the Pacific coast, outside of the famous Comstocks, namely, the Silver King and Vekol. In the phenominal richness of their silver ore, these two mines surpassed even the Comstock lode. When silver became higher before the big smelters which dethroned, through the trickery of John Sherman of Ohio, and Cooper, down are again sending copper to 52,150,000, making a total of \$6,050. front and the prospectors of Pinal turned their attention to that metal and it was demonstrated that Pinal county was exceedingly rich in that Now our prospectors are turnmetal. ing their attention to gold and there is little doubt among those acquainted with the great diversity of the mineral resources of Pinal, that they will unearth here some of the great-est gold mines of the west. We have already had developed here the Mammoth mine on the San Pedro which has producd millions in gold and the Mammoth mine 31 miles west of Flor. ence which has also produced its millions of dollars in gold. Also the Southern Belle gold mines, six miles from Oracle, which have produced over one million dollars in gold. None

of these mines here been worked in truth, it may be said, are still in their infancy, but through the vicis-situdes of accidents or mismanage-ment have been temporarily closed down. Lesides these proved ties, there is the Mohawk at i undergoing development, the Riggina. Coleman gold property at Troy, the gold vein as marvelous in gold values as other portions of the mine is in copper, to say nothing of hundreds of other gold prospects in other parts of the county that need only developing to make them great producers of the yellow metal. The gold resources of the county are hardly scratched, to use a common phrase. Now, that atcharged into the large skips for tention is being directed particularly hoisting to the surface. Arriving at to this metal, Pinal can be depended upon to take a front position in the rank of gold producers.

> known, but it will include the miners and all those who were included in the raise of the wage scale during the the raise of the wage scale during hand, it had loaned \$1,090,000 to the latter part of 1906. The average amount of the wage cut will be 10 Sierra Madre Land & Lumber Co. Sierra Madre Land & Lumber Co. cent. concentrating ore, carrying good silver values. the advance in the fall of 1906. The new wage scale is to become effective on March 1. All the employes who are not willing to accept the lower wages have been requested to give the com-pany as much notice as possible before the time for the change in wages. J. S. Douglas, the general manager at Nacozari, announced when in Douglas the early part of the week that he greatly regretted the necessity reducing the wages at Nacozari and had hoped to avoid this step. All the mining companies in Arizona reduced their wage scale last fall when the price of copper dropped below fifteen cents, but Mr. Douglas has been deferring a like action in the hope that the price of copper would recover so that he could continue the wages paid at Nacozari during the last fifteen

on the new concentrator and those in Madre company, held by the Greene charge are confident that it will be Consolidated company, for \$2,000.000. possible to start the mill by the first of April and perhaps a few days earlier than that. There has been a large force of mechanics employed on this mill during the past six months whose

Photo company of El Paso, was in Nacozari this week making photo-graphs of all the new features of Na-

AT CANANEA Parties arriving from Cananea this week bring no news of special inter-est from the big Sonora camp. The Greene-Cananea continues develop-

of remodeling and over-hanling the smelter is making good progress. While the people of Cananea are hop-ing for an early resumption of maximum operation in that district, still the recent lowering of the price of copper is not calculated to hasten that event, as the reports from the east are to the effect that Cananea will await a hetter price for course before

In the early days of Douglas the Walker property bid fair to assume walker property bid fair to assume important proportions by the realm of mining near Douglas. At that time, one McIvers also developed mineral of consequence and did some shipping from the same locality. This is about ten miles east of the Smelter City on the American side of the international boundary. Both prepositions subsebrought respectable prospects to light but the properties were evidently too close in to attract much attention, the general tendency being to seek

INFORMATION OF AND SILVER CANANEA BUNCH

Financial Status of Various Have Been Prominent In Big Sonora Camp.

Copper is in better demand, and the situation is gradually improving. recently.

Metal sold for delivery in April and than cash copper. Consumers see an increasing volume of business without corresponding growth of copper production, and they expect prices to be higher before the big smelters which

The brass business is looking up omewhat, and Connecticut Valley manufacturers have been considerable buyers. Some of the brass manufacturers who in October and November reduced their working forces and ran their factories only three days per week are now running full time again. There has been a perceptible increase in the sheet copper business, also, as is shown by larger demand on the smelters and refineries for cake, the form in which copper is cast preparatory for rolling. The demand for wire bars, though slightly better than it was, is still very small.

I hear of a number of copper pro ducers who have sold their surplus copper, and also considerable for delivery two and three mostles should. There are still some lots of a few million pounds each which have not been disposed of, but this copper is being held for higher prices.

The situation as a whole is im-

proved, and the prospect is good that all the smelters will be running again within a few months and selling their entire output of copper at 14 to 15 cents per pound. Between now and that time, however, the price may advance above 16 cents

Greene Cananea's financial condi tion is being widely discussed and some remarkable tales are told of the consolidation, the condition of the property, the reason for the discontinuance of operations and the cost of producing copper. Having given this

surrendered to the interests who now control it the company's dents aggregated about \$1,250,000. On the other Central Copper company which it had received in payment for a block of resume he mixure of ores from the undeveloped land sold to the company named. The new management average of 312 per cent copper, or collected the \$1,900,999 loan from the approximately 70 pounds per ton. Sierra Madre Land & Lumber Co; and it is generally known, the 200,000 per can be made at a cost of 10 to 11 shares of Cananea Central sicck cents per pound. The capacity of the were sold to Cole-Ryan interests for reduction plant will of course be \$20 per share, or \$4,000,000 cash. greater, because of the higher grade This gave the Greene Consolidated company \$5,000,000 in cash.

The Cole-Ryan interests caused a & Lumber Co's, properties to be made wise for the Greene-Cananea com-Colonel Greene to sell the 51 per timber contract held by the Greene extent.

est in the Sierra Madre company was made in notes which were, and still tors will be erected which will in-are, secured by a deposit of 75 per crease the company's productive are, secured by a deposit of 75 per crease the company's productive cent of the capital stock of the Sier-ra Madre company. It seems, also, to 209,000,000 pounds annually. There that the Greene Consolidated company had endorsed \$450,000 of the therefore, and it is quite The first portion of these notes, \$180. prise will cause the stock to be 000, was paid by the latter company: worth more a few years hence than the second was defaulted and paid by the highest the Greene Consolidated. The third ever sold. few months hence, and, on account of the financial stringency, the stock market disturbance, etc., it is not probable that the work of financing the Sierra Madre company has been known as the Ceniza. It has been carried forward sufficiently far to en-

when its management changed is as follows: A dividend of 40 cents per share, \$400,000, was paid, reducing the amount to \$4,600,000; the note of \$150,000, referred to, reduced it again amounting to \$1,250,000, were liquidated and this further reduced the cash on hand to \$3,200,000. The companys smelting plant and concen-trator were thoroughly overhauled and put in first class condition, the ob-ject of this being to enable the com-

necessary to increase the supplies, merchandise in store, etc., to \$2,500,000. To accomplish this \$1,500,000 was used, thus reducing the com-pany's cash surplus to \$1,300,000.

During the last year of its opera-tions, ending last July, the company ed something more than 40, 00,000 pounds of copper at a cost, inpenses, of 18 cents per pound. These figures of cost are said to have seen endorsed recently by the present management of the Grene Consolidated copper company, altrough it is declared that expert accountants who examined the books of the company last August endorsed the cost success Companies Which Are and of the former management, which was

about 13 cents per pound. About one-half of the 40,000,000 pounds of copper was sold at an av erage of 21 cents, and the remainder was carried down in the slump and the greater portion of it sold at approximately 13 to 14 cents, altrough the company still retains a few mil Lake and electrolytic are quoted all lion pounds which undoubtedly will the way from 13 7.8 to 14 cents, and be sold higher than present prices. sales have been made at these prices It is figured the company lost adout \$500,000 on the shrinkage in the value of its copper, thus further reduc-May commands 1-8 to 1-4 cent more ing its cash surplus to about \$700,000

The quick assets of the Greene Consolidated may be summarized at present as follows: Cash and equity in unsold copper, \$1,400,000; supplies, merchandise, etc., \$2,500,000; notes of

Through its ownership of the Greene Consolidated company these assets may properly be figured as pelonging to the Greene-Cananea com-pany. In addition to this, there is in the treasury of the Cananea Central company between \$,500,000 and \$2,-000,000 in cash and treasury stock, which makes a total of at least \$7,-500,000, or about \$5,500,000, with the notes of the Sierra Madre Land & Lumber Co. ecluded.

At the time the operations were discontinued the cost of making copper had been reduced to 13.35 cents per pound not including, and 14,56 including construction. This result was obtained on the treatment of ore which yielded an average of 2.376 per cent., or about 48 pounds of copper to the ton. Excluding construction, to the ton. Excluding construction, the gross operating cost per ton must have been about \$6.40. There is reason to believe that this can be reduced another dollar per ton with the reconstructed smelting equipment, and through the reorganisation of the working forces which is made possible by the long period of idleness. This will result in a net production cost of 11 cents per pound of copper, even though the average of eyields no even though the average ore yields no better than 2.38 per cent. copper.

Since the smelter and concentrator were closed extensive development work has been done in both the Greene Consolidated and Cananea Central properties. A very considerable tonnage of high grade ore has been opened up and made ready for producing copper. Having given this subject considerable investigation I am able to state, with approinate accuracy, the real situation.

When the management of the Greene Consolidated company was greene Consolidated company was to 150 feet wide, with its entire width and carries 5 to 9 ounces of silver

From ore of this average grade ore, and the company should make 60,000,000 to 70,000,000 pounds of copannually, resulting in profits of about examination of the Sierra Madre Land \$1 per share on Greene-Cananea's and decided that it would not be copper market. As the tonnage of higher grade ore developed and treat pany to supply the money necessary ed increases, earnings will grow, and to develop the lumber business. They it is not improbable that net profits therefore accepted a proposition from of \$2 per share on a 15-cent copper market will a little later on be found

possible The good thing about the Greens Consolidated company, for \$2,000,000. Cananea enterprise is the fact that As a part of this arrangement, the its ore deposits are of tramendous Consolidated company was cancelled brought operating
Payment for the 51 per cent, interminimum it is pro brought operating costs down to a smelter and additional con totes of the Sierra Madre company, that the working out of the enterthe highest price at which it has

This locality, really a part of the Santa Rosa district, was formerly The history of the \$5,000,000 cash taking out good copper ore, which which the Greene Consolidated had will bear shipping with copper at 14

negotiations, first between the La Union people and L. C. Shattuck, later of the consolidation of the Union group with Duluth parties in the lead, though we are promised great activi-ty this spring under the guidance, in-

DIVIDENDS ON COPPER ARE IMMENSE

Than Paid Back Entire Capitalization To Stockholders-Some Notable Records.

(Iron Ore.) Never since the inception of the on the American contonent have the dividends paid by corporate enterprises to their shareholders been so large as they were for the year 1907. Greater still would these dividends have been had the market in business generally, notably in October, November and which had been producing at their full capacity were either cut from 25 to 50 per cent. or were discontinued until financial conditions show

A careful canvass by the Mining World shows that during the year 1907 no less than 157 metal mines and works in the United States, Canada, Mexico and Central and South America paid dividends aggregating the large total of \$97,521. Add to this sum the dividends declared previously, and we have a grand total since incorporation of no less than \$605,143,992. On the issued capitalization of \$713,528,732 the dividends paid to the end of 1907 show a return of about 83 per cent. Large Sums Paid.

In addition to the above dividends there was paid in 1907 by eight securities holding corporations the large sum of \$17,059,772, making the total to date \$77,031,091, which is equivalent to a return of nearly 30 per cent. on the outstanding capitalization of \$260,426,000. These so curities holding corporations have been in existence not more than nine

Another branch of the industry which earns substantial profits is that of marketing the metals on a commission. Undoubtedly the most prosperous metal-selling agency is the United, which markets the products of the Amalgamated Copper company and other large concerns. In 1907 the United Metals Selling company declared dividends of \$2,-125,000, and since organization (in that exist at their smelter is not very January, 1900,) has paid a total of well understood here.

\$5,625,000, showing a return of At the Twin Butte there is at pres of \$5,000,000. Very few people the shares of the United M Selling company.
Hold the Lead.

By subdividing the dividends paid by the 157 mines and metalurgical works, we learn that the copper properties hold the lead. During 1907 no less than 33 copper mines principally in the United States, and capitalized at \$204,226,145, de clared dividends of \$51,699,848.

mines have distributed among their shareholders the handsome sum of \$343,487,389, including that have repaid more than one and onehalf times their outstanding share capital. No wonder the dividendpaying copper stocks sell at a big premium as a rule, and this also explains why Calumet & Hecla and like meritorious shares are seidom sold and are held as an investment by the families of the original buy-ers. The Calumet & Hecla mine capitalized at only \$2,500,000 in \$25 shar's (which some months ago sold as high as \$1,000 each), declared dividends in 1907 amounting to \$6. talization. Since organization (in 1907) Calumet & Hecia has yielded dividends to the enormous total of \$105,850,000, or 4,234 per cent. on \$2,-500,000 capital, a remarkable record for a mine which produces ore containing about 21-4 per cent. (45 lbs.) of copper per ton milled.

The Largest Dividend.

The copper mine that paid the largest dividend in 1907 is Anaconda the Amalgamated Co.; it was \$7,800, zation of \$20,000,000. Since its organ ization in 1895. Anaconda has puid dividends of \$33,700,000, or 129 cent. on its share-capital. Boston & digy declared dividends of \$6,300,000 or 168 per cent, on its \$3,750,900 cap ital, making the total paid to date \$57,025,000, which is more than 15 excellent showing for a mine that has been worked under corporate laws for 20 years. One of the more in-teresting copper mines, opened withwill hear shipping with coppet as cents. The property is developed by a hundred-foot shaft and about sixty teresting copper mines, opened within the last seven years is the Calumet & Arizona at Bisbee, Ariz, This met & Arizona at Bisbee, Ariz, This tion of \$2,000,000 upon which the dividends for 1907 amounted to ing the grand total to date \$9,300, state, the Arizona Copper company largely controlled in Scotland, de put in first class condition, the object of this being to enable the company to operate and earn money whenever metal market conditions warranted, pending the time hat a new smelter and additional concentrators should be constructed. The cost of these repairs was about \$500. On and this reduced the company's cash on hand to about \$2,700,000.

At the time the Greene Cananea company was formed, Greene Cananea company was formed to company was formed to a company to com

GOOD REPORTS COMING FROM

Several Properties Have More Claim Is Made That Some of the Best Mineralized Ground In the Arizona Is Tributary To Tucson.

There is no use trying to disguise the fact that prosperity in this pormining and metallurgical industries tion of the mining country is not go ing to return at a gallop, nor the further fact that mining activity for the present is going to keep but little ahead of general mining conditions. There is fully as much harm in building up unstable air castles, and then prices of silver, copper, zinc and being blue and disappointed because lead and their allied products continued at the high level which ruled lng pessimistic over the matter, and in the first half of 1907. With the probably more.

Tucsons mining future is assured. Some of the best mineralized ground the mines and works in the territory of Arizona, and that means in the world, is tributary to Tucson, and its ultimate expoloitation on a sane and legitimate basis is beyond question, says the Star. Copper is a valuable metal whose use is increasing the world over, and every pound that is being taken out of the big mines means that they have just that much less to put on the market. Great mines are not made in a day nor in a year, and the development of copper properties around Tucson is going forward as rapidly as could be expected under the conditions now existing in the money and metal markets.

As has been repeatedly stated in

the columns of the Star recently, work at the big Imperial mine, as well as at their smelter town of Sasco, is being pushed at a rate that has taken no heed of market conditions, because they are working under a definite plan with the money all provided for. The result there is a mine splendidly developed, with a very great amount of ore blocked out, a 400-ton smelter just put into commis-sion; their own railroad connecting mine, mill and smelter with the South-ern Pacific, and a 300-ton concentrating mill that is well along toward

completion. At the Helvetia there is a feeling of confidence in a degree that has not been in evidence there for some time. Work is being rushed undergr and the recent strike of a wide body of a higher grade ore than they have ever worked on previously, promises well for the future. The conditions

At the Twin Butte there is at pres 1121-2 per cent. on its capitalization | ent but a small force of men at work, although a diamond drill grew is prospecting along a line that Supt. very satisfactory, and will furnish the basis for development work along broader lines in the future.

The principal work underground at present is being done at the 300-foot level, where a drift parallel to two well known veins has been driven for a distance of 400 feet east. At 300 feet from the shaft a crosscut was run which very quickly caught and cut a copper ore body said to be 19 feet in width, and carrying very good values. A cut on the other aide will soon be made to catch their second known vein. The face of facir 400foot drift is now all in ore, which Capt. McDermott reports as a heavy sulphide that carries very pleasing

For some time there has been con-siderable trouble over fuel, the company having been unable to secure a necessary supply of crude oil, and the wood they were forced to use not having proved satisfactory. All the diamond drill work at present is being driven from the station at the 200-foot level. The bins at the camp now Dermott estimates will return about 6 per cent copper, but which he says the company has no idea of sending to a sfelter while copper continues at its present low valuation.
The Richardson and Crepin group

of mines in the Stiver 3ell district consists of Iwenty full claims. Several thousands of dollars have been expended in prospecting work in demonstrating the width and strike of the vains.

At one point about four nandred feet of a very strong vein has been uncovered by a trench, showing a width of from ten to fifteen feet of rich copper carbonate ores. The en-tire width of the ore has not been demonstrated at any point, but in places it has been opened to the width above stated. That there is a very strong vein that extends for over a mile on their property they have almost demonstrated by shafts and cuts to that distance.

All the ores so far shown are good carbonates and oxides, with some very rich copper giance running through considerable of it. If further development shows up the ore as it would seem probable for the present showing, they will have one of the big mines of that big district. It is understood that they contemplate beginning systematic and thorough development of the property in the near future. The deepest shaft on the property is sixty feet.

The Total Wreck mine, eight miles

south of Pantano station, in a spur of the Santa Rita's, never looked less like its name than at the present

dividends on over \$1,000,000 each for the year 1907. No less than 13 copper mines in the United States have already returned their capitaliza-

COMPANIES OF BUTTE ARE PIMA'S MINES IN DIFFICULTY

Small Ones Can Not Sell Their Treasury Stock, and Very Little Improvement Is Noted In the General Situation.

BUTTE, Mont., Feb. 15 .- There is np improvement in the mining situa-tion in Butte, with the exception of a resumption of work by the Davis-Daly Estates company; but even that is very limited, being for the present confined to the Colorado shaft, which been unwatered preparatory to

work being resumed in the crosscut. It will be some weeks before the company can get nto the Original cross-cut to continue the work there, as the Original shaft is being retimbered and consequent can not be used by the Davis-Daly people.

The Amalgamated production

still confined to the mines of the Boston & Montana company, and its out-put is little more than 7,000,000 pounds of copper per month. The total output of the district last month was only 9,000,000.

The affairs of the smelter com-

panies are not improving, and unless financial conditions become better soon it is likely that several more exploration companies will have to suspend work. They struggled brayely through the worst part of the world's financial roubles, but looking backward it is now doubtful if the policy of continuing work and exhausting the treasuries was the wise one to pursue. Several of the best of these companies have a lot of treas ury stock, but they could not sell if at anything like reasonable prices under present conditions

Butte & Superior. The Butte & Superior compant which was believed to have an abund ance of money in its treasury and it the pockets of its backers; has de eided to issue bonds to the amount of \$500,000, bearing the high rate of ! per cent. interest. A mortgage has been placed on the property of the company in Butte and the First Na tional bank of Butte has been named as trustee.

The company owns the Blackrock group of silver claims, which it is developing in he hopes of opening con per deposits. It is capitalized for \$6,000,000 and is understood to have paid \$2,500,000 for the property, and some big commissions have been raked off in the various deals lead ing to the organization of the Butte & Superior company.

An official of the company says of the money derived from their sak will be used in making final payments on the Blackrock group, upon about \$200,000 is still due. The bonds run for five years from January 1, but are payable in three years.

The Butte & London Copper Development company is still prosecut ing exploration work on the 1,100-fool level of its mine, and is drifting or two veins, the most promising of seven veins that have been crosscut While some good assays averaging about 4 ounces in silver and 2.5 per cent, copper have been taken from the vein, it is becoming evident that greater depth will be required to get to the commercial ore bodies which unquestionably exist in the Butte &

London ground. perience, recently made an examinaand he says both the veins to the north and south of the shaft seem to be dipping toward the shaft, and in his opinion they will come together at a further depth of 200 to 500 feet, where some great copper deposits may be expected. In all his experience he says, he never saw so good a showing with so little development. It is his opinion that all that is required is more depth.

H. V. Winchell, chief geologist for the Great Northern Railway and formerly with the Amalgamated Copper company, made a report on the Butte-& London in which he said that he knew of four veins that traverse the Butte & London ground, but the com-500 feet of the shalt. They are from 6 to 20 feet wide.

Drifting is being done on the 20foot vein to the south and also on a 12-foot vein to the north. Both are full of quartz and tale and assay in ounces in silver. The drifts are running in the direction of the North Butte property.

The president of the Venture Min

this country to meet the officers of people have made several overtures to get control of the Butte & London deal will be consumated at the approaching meeting. It it is, the com-pany will receive the very handsome price for the control, which the pres ent condition of the property

A report of the December opera tions on the Barnes-King, made by Supt McGee, says something less than 4,000 tons of ore were mined and milled that month, the gross valne being below \$4 per ton, which did not pay expenses. Mr. McGee is still inclined to be optimistle about the Barnes-King mine and believes some good ore will yet be found, the ore in

(Continued on Page Ten.)